

IN THE SPECIFICATION

Please correct the paragraph beginning at page 1, line 5, with the following rewritten paragraph:

1. Field of the ~~invention~~ invention

The present invention relates to an aberration amount detecting device, and a light receiving device. More particularly, the invention relates to a device for detecting light at positions before and after ~~[[an]]~~ a focal point of condensed light.

Please correct the paragraph beginning at page 1, line 13, with the following rewritten paragraph:

2. Description of the related art

Nowadays, the number of types of the optical recording ~~medium~~ media is increasing. The protecting layers having some different thicknesses are also provided. In reading out information from an optical disc, when a thickness of the protecting layer is deviated from a ~~desgin~~ design value, or it is inclined to an optical ~~axis~~ axis of the object lens, a spherical aberration occurs in the wave front of an impinging light beam, and it hinders the image formation of a micro-spot.

Please correct the paragraph beginning at page 2, line 4, with the following rewritten paragraph:

For this background, many aberration detecting methods have been proposed. JP-A-1998-214436 and JP-A-2000-57616 disclose the following technique. Light receiving elements are provided at ~~an~~ a focal point. The light receiving elements are located at the inner and outer positions with respect to an optical axis of the beam. The light receiving areas of the inner and outer positions are each quartered by crossed division lines. By

computing the output signals from those divided areas, a focal error signal and a spherical aberration signal are obtained. JP-A-2000-171346, JP-A-2002-39915, and JP-A-2002-55024 disclose another type of technique. Light receiving elements are provided at a point where light images. An incoming light beam is split into an inner light beam and an outer light beam. Those light beams are led to the light receiving elements, respectively. By computing the output signals from those divided areas, a focal error signal and a spherical aberration signal are obtained.

Please correct the paragraph beginning at page 3, line 25, with the following rewritten paragraph:

The aberration amount detecting device using the conventional light receiving device uses light in the vicinity of the image forming position to detect the aberration amount. For this reason, in a state that the aberration amount is almost zero, the reflected light must almost image at each light receiving area. The light receiving areas provided at least for detecting the aberration amount are each divided. ~~It is~~ it is necessary to position a microspot of which the diameter ranges from several μm to over ten μm on the division line at each light receiving area. Where each light receiving area is quartered by crossed division lines, it is necessary to position the center of the microspot at a nodal point of the crossed division lines.

Please correct the paragraph beginning at page 8, line 19, with the following rewritten paragraph:

In the light receiving device, the first light receiving element receives one of lights spectrally ~~split~~ split by a splitting means, and the second light receiving element receives the other split light. By so spectrally splitting light, it is easy to receive the lights before and after

the light images. The splitting means may be any of a half prism, a parallel plane element, and a hologram.

Please correct the paragraph beginning at page 9, line 1, with the following rewritten paragraph:

In the light receiving device, when the ~~splitting~~ splitting means is a hologram, a boundary line between the first and second light receiving areas and a boundary line between the second and third light receiving areas are substantially vertical to the parallel lines of a grating of the hologram. When a wavelength of laser light passing through the hologram deviates from its correct value, a diffraction angle of the laser light changes in a direction vertical to the parallel lines of the grating of the hologram. ~~By so arranged~~ In such an arrangement, the respective light receiving areas receive fixed amounts of light also when the wavelength of the received laser light changes owing to ambient temperature of the related device. Sometimes one or some of the parallel lines of the grating are slightly bent. In the specification, "substantially vertical to the parallel lines of the grating" ~~involves~~ means that the boundary lines are substantially vertical to an average of the directions of the lines of the grating containing the slightly bent parallel grating line ~~of the grating~~.

Please correct the paragraph beginning at page 18, line 9, with the following rewritten paragraph:

Upon receipt of the servo signal from the servo processing circuit 16, the tracking driver 23 generates a tracking drive current to drive tracking means in the optical pickup 30[.]. ~~And,~~ and a tracking correction operation is performed, as will be described later ~~on~~. Upon receipt of the servo signal from the servo processing circuit 16, the focus driver 22 generates a focus drive current for moving a focus lens of the optical pickup 30 in focusing

direction. Upon receipt of the servo signal from the servo processing circuit 16, the aberration correction driver 24 ~~genertes~~ generates ~~[[a]]~~ an aberration correction drive current for driving aberration correcting means (to be described later) in the optical pickup 30~~[[.]]~~ ~~And,~~ and an aberration correction operation is performed based on the current signal.

Please correct the paragraph beginning at page 20, line 8, with the following rewritten paragraph:

To reproduce an information signal from the optical disc 2, the semiconductor laser device 31 emits laser light of a fixed output power. To ~~greecord~~ record information into the optical disc 2, an intensity of the laser light emitted varies in accordance with a signal to be recorded. In the invention, a wavelength of the laser light emitted from the semiconductor laser device 31 differs in accordance with the different standards employed, and is not limited to a specific wavelength.

Please replace the Abstract at page 65 with the following new Abstract: